

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/012065

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C12N11/04 C12N11/08 C12P13/02 C12P17/12

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C12N C12P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, FSTA

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SADA E ET AL: "PERFORMANCE OF AN ENZYME REACTOR UTILIZING A MAGNETIC FIELD" BIOTECHNOLOGY AND BIOENGINEERING, vol. 22, no. 1, 1980, pages 243-246, XP002318986 ISSN: 0006-3592 page 243	1-17
X	WO 97/06248 A (ALLIED COLLOIDS LIMITED; ARMITAGE, YVONNE, CHRISTINE; HUGHES, JONATHAN) 20 February 1997 (1997-02-20) example 2	12-17
A	US 4 774 178 A (EGERER ET AL) 27 September 1988 (1988-09-27) example 17	1-17
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

24 February 2005

Date of mailing of the international search report

10/03/2005

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/012065

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9706248	A	20-02-1997	AU 707650 B2	15-07-1999
			AU 6707396 A	05-03-1997
			EP 0839190 A1	06-05-1998
			WO 9706248 A1	20-02-1997
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			DE 3416142 A1	07-11-1985
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			FI 851699 A	03-11-1985
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			SE 8201401 A	09-09-1983
			WO 8303102 A1	15-09-1983

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT.		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 647 536 A (MOSBACH ET AL) 3 March 1987 (1987-03-03) cited in the application example 4	1-17
A	NILSSON H ET AL: "THE USE OF BEAD POLYMERIZATION OF ACRYLIC MONOMERS FOR IMMOBILIZATION OF ENZYMES" BIOCHIMICA ET BIOPHYSICA ACTA, vol. 268, no. 1, 1972, pages 253-256, XP008043513 ISSN: 0006-3002 cited in the application the whole document	1-17